

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	(10/587837).APP.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/09/20 10:35
L2	0	"10432781"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/09/20 10:37
L3	2	"20040063152"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/09/20 10:37
L4	215	(Barlag with Heike).in. or (Gumbrecht with Walter).in. or (Mund with Konrad).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/09/20 10:37
L6	47646	435/6.1,287.2,7.1.ccls. or 204/450.ccls. or 205/793.5,777.5.ccls. or 422/68.1,82.01.ccls. or 436/501,86,94,63,2.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/09/20 10:53
L7	394	6 and (select\$5 with pulse)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/09/20 10:55
L10	126	6 and (Puls\$3 with amperometric with (measur\$5 or detect\$5 or monitor\$5 or determin\$5 or analyz\$5 or analys\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/09/20 10:55
L11	18	I7 and I10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/09/20 10:55
S1	1	"10587837"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/08/31 14:36
S2	188	(Barlag with Heike).in. or (Gumbrecht with Walter).in. or (Mund with Konrad).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/08/31 14:37
S3	178	Puls\$3 with amperometric with (measur\$5 or detect\$5 or monitor\$5 or determin\$5 or analyz\$5 or analys\$5) with glucose	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/08/31 14:51
S4	2	("6391558").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/08/31 14:53

S5	13	S3 and (transducer with array)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/08/31 15:29
S6	0	S3 and (cmos)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/08/31 15:32
S7	31	Pulsed adj electrochemical adj detection with glucose	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/08/31 15:32
S8	0	Pulsed adj electrochemical adj detection with mediator	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/08/31 15:33
S9	0	(Pulsed adj electrochemical adj detection) with mediator	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/08/31 15:33
S10	0	select\$3 with Pulse with length with glucose	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/08/31 15:34
S11	5443	select\$3 with Pulse with length	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/08/31 15:34
S12	328	select\$3 near3 Pulse adj length	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/08/31 15:34
S13	276	select\$3 near2 Pulse adj length	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/08/31 15:34
S14	1	S13 and glucose	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/08/31 15:35
S15	328	select\$3 near3 Pulse adj length	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/08/31 15:36
S16	2	S12 and glucose	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/08/31 15:36
S17	3	S12 and mediator	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/08/31 15:37
S18	2	pulsed adj redox adj cycling	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/08/31 15:39
S19	188	(Barlag with Heike).in. or (Gumbrecht with Walter).in. or (Mund with Konrad).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/08/31 15:41
S20	2	S19 and (pulsed adj redox adj cycling)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/08/31 15:41
S21	17	S19 and (pulse)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/08/31 15:41

S22	19	S19 and (puls\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/08/31 15:42
S23	86	biosensor and (measuring adj phases)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/08/31 15:47
S24	1	"12000897"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/08/31 16:04
S25	3	("4457808").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/08/31 16:15
S26	2	("6,071,391").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/09/01 14:50
S27	2	"20080099347"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/09/02 12:53
S28	0	rectangular adj sinusoidal adj curve	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/09/02 14:15
S29	238	rectangular adj curve	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/09/02 14:15
S30	2	S29 and ("204".clas.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/09/02 14:16
S31	76825	("204".clas.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/09/02 14:16
S32	66	S31 and (redox adj cycling)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/09/02 14:16
S33	495	(glucose with sensor) and square adj wave	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/09/02 14:18
S34	495	(glucose with sensor) and (square adj wave)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/09/02 14:19
S35	3	(glucose with sensor) with (square adj wave)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/09/02 14:19
S36	56	S34 and S31	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/09/02 14:19
S37	2	("6391558").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/09/02 15:19

S38	0	select with pulse with length with pulsed near3 voltammetry	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/09/03 14:36
S39	0	select with pulsed near3 voltammetry	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/09/03 14:36
S40	0	select with pulsed near3 amperometric	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/09/03 14:36
S41	937	pulsed near3 amperometric	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/09/03 14:37
S42	0	S41 and (select with pulse with length)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/09/03 14:37
S43	65	S41 and (rectangular or sinusoidal or triangular)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/09/03 14:37
S44	76825	("204".clas.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/09/03 14:43
S45	49	S44 and S41	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/09/03 14:43
S46	2	"20080099347"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/09/03 15:03
S47	3	S41 AND (REPETITION ADJ RATE)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/09/03 15:23
S48	14	S41 AND (".1" adj Hz)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/09/03 15:25
S49	5838	204/400-403.14,406.ccls. or 205/775,777.5,793.5.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/09/03 16:23
S50	6	S49 and (pulsed with amperometry)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/09/03 16:23
S51	32	S49 and (repetition adj rate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/09/03 16:23
S52	1069	S49 and (rectangular or sinusoidal or triangular)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/09/03 16:23
S53	14	S49 and ((rectangular or sinusoidal or triangular) with curve)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/09/03 16:23
S54	194	(Barlag with Heike).in. or (Gumbrecht with Walter).in. or (Mund with Konrad).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/08 12:47

S55	2	S54 and (select\$5 with pulse)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/08 12:47
S56	15	S54 and (redox adj cycling)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/08 13:26
S57	6041	204/400-403.14,406.ccls. or 205/775,777.5,793.5.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/08 15:33
S58	145728	"1" and (select\$5 with pulse)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/08 15:33
S59	129	S57 and (select\$5 with pulse)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/08 15:33
S60	5	S57 and (select\$5 with pulse with length)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/08 15:34
S61	1	S57 and ((pulse adj length) with mediator)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/08 15:35
S62	1	((pulse adj length) with mediator)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/08 15:35
S63	1	((pulse adj length) with (redox adj reaction))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/08 15:40
S64	2	pulsed adj redox adj cycling	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/08 15:40
S65	34	measure\$5 with concentration with change with (mediator or redox-active)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/08 15:41
S66	0	interdigitated with electrode with (biomolecule or receptor or DNA or binding or hybridization)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/08 16:42
S67	0	(interdigitated with electrode) with (biomolecule or receptor or DNA or binding or hybridization)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/08 16:42
S68	0	(interdigitated with electrode) and 204/403.01-403.15.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/08 16:42
S69	123	( electrode with (biomolecule or receptor or DNA or binding or hybridization) with substrate) and 204/403.01- 403.15.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/08 16:43
S70	17	(electrode with precondition\$5 with (UV or light or laser))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/09 14:33

S71	4931	(electrode with \$3condition\$5 with (UV or light or laser))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/09 14:38
S72	4736674	(electrode near\$5 \$3condition\$5 with (UV or potential or laser))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/09 14:38
S73	4697590	(electrode near\$5 \$3condition\$5 with (UV or laser))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/09 14:39
S74	186169	((electrode near\$5 \$3condition\$5) with (UV or laser))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/09 14:39
S75	185282	((electrode near\$2 \$3condition\$5) with (UV or laser))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/09 14:39
S76	14	((electrode adj \$3condition\$5) with (UV or laser))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/09 14:39
S77	200	((electrode adj \$3condition\$5)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/09 14:40
S78	46	((electrode adj \$3condition\$5)).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/09 14:40
S79	2	("6599407").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/02/09 14:49
S80	34	(potentiostat adj circuit).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/09 14:57
S81	212	(Barlag with Heike).in. or (Gumbrecht with Walter).in. or (Mund with Konrad).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/06/01 15:29
S82	62450	204/400-403.15,406.ccls. or 205/775,777.5,793.5.ccls. or 435/6.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/06/01 15:30
S83	22	S82 and (Puls\$3 with amperometric with (measur\$5 or detect\$5 or monitor\$5 or determin\$5 or analyz\$5 or analys\$5) with glucose)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/06/01 15:30
S84	117	S82 and (Puls\$3 with amperometric with (measur\$5 or detect\$5 or monitor\$5 or determin\$5 or analyz\$5 or analys\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/06/01 15:30
S85	8	S84 and aminophenyl	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/06/01 15:31
S86	3227359	unbound near\$3 label	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/06/01 15:44

S87	53	(unbound adj label) with (nucleic adj acid)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/06/01 15:51
S88	2	("5073341").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/06/01 16:48

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	22602	435/6.1,287.2,7.1.ccls. or 204/450.ccls. or 205/793.5,777.5.ccls. or 422/68.1,82.01.ccls. or 436/501,86,94,63,2.ccls.	USPAT; UPAD	OR	ON	2011/09/20 10:53
L8	204	5 and (select\$5 with pulse)	USPAT; UPAD	OR	ON	2011/09/20 10:55
L9	75	5 and (Puls\$3 with amperometric with (measur\$5 or detect\$5 or monitor\$5 or determin\$5 or analyz\$5 or analys \$5))	USPAT; UPAD	OR	ON	2011/09/20 10:55
L12	0	I9 and "I7"	USPAT; UPAD	OR	ON	2011/09/20 10:56
L13	8	I9 and I8	USPAT; UPAD	OR	ON	2011/09/20 10:56
L14	21	(Puls\$3 with amperometric with (measur\$5 or detect\$5 or monitor\$5 or determin\$5 or analyz\$5 or analys\$5)).clm.	USPAT; UPAD	OR	ON	2011/09/20 11:39

**9/ 20/ 2011 12:08:23 PM****C:\ Documents and Settings\ JDIETERLE\ My Documents\ EAST\ Workspaces\ 10587837.wsp**